TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: Portage Hwy 12

Site Abbreviation PTG Deployment No. 28

Field Deployment and Recovery

Field *Deployment* Technician Name Scott Keller Setup Date/Time 9/14/21 2:20 CST

Sample Run Date 9/15/21 *Flow Conditions should be STD. Flow Rate should be 225 liters/min.*

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☑ Green power light should start to blink;
- ☑ Timer countdown should start indicating when sampling run will commence;
- ☑ Status on main screen should change to "Waiting".

Field *Recovery* Technician Name Scott Keller Recovery Date/Time 9/16/21 11:35 CST

Q_{std} Avg Flow (liters/min)	216	Actual Start Date/Time	9/15/21 0:00
CV	0.36	Actual Stop Date/Time	9/16/21 0:30
Q_{std} Volume (m^3)	317.63	T_{amb} Avg (°C)	20.9
Elapsed Time (HH:MM)	24:30	P_{amb} Avg (mmHg)	743
Flags? *Expected flags: Completed, Q_{std}*			

Sample Status: VALID VOID **(circle one)** **VOID Reason:**

Site Observations

Run Day Temperatures: High 77 Low 53 Source: Weather Channel

Run Day Precipitation: 0

Run Day Wind/Wind Direction: NNW 8 mph

Run Day Sky Cover: Mostly Sunny

Unusual Events? (fires, major storms, construction, etc.):

Maintenance

Check all that apply.

Weekly Checks:

- ☑ Power cords/plugs ok?
- ☑ Gaskets ok?
- ☑ Shelter ok?
- ☑ Tubing ok?
- ☑ Timer ok?
- ☑ Debris removed?

Monthly Checks: *(after 5th sample run of the month)*

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within **±2°C** of transfer standard?
- ☐ Pressure sensor within **±10 mmHg** of transfer standard?
- ☐ One-point flow verification within **±10%** of $Q_{Std\ PUFPLUS}$ ($0.225 \frac{m^3}{min}$)?

Maintenance Notes: